

ABSTRACT

A high-performance, adaptive and scalable system for distributing streaming media, in which processing into a plurality of output formats is controlled in a real-time distributed manner, and which further incorporates processing improvements relating to workflow management, video acquisition and video preprocessing. The processing system may be used as part of a high-speed content delivery system in which such streaming media processing is conducted at the edge of the network, allowing video producers to supply improved live streaming experience to multiple simultaneous users independent of the users' individual viewing device, network connectivity, bit rate and supported streaming formats. Methods by which such system may be used to commercial advantage are also described.